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NEWS 2 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 3 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 4 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 5 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 6 MAY 30 INPAFAMDB now available on STN for patent family searching
NEWS 7 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 9 JUN 06 KOREPAT updated with 41,000 documents
NEWS 10 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 11 JUN 19 CAS REGISTRY includes selected substances from web-based collections
NEWS 12 JUN 25 CA/Caplus and USPAT databases updated with IPC reclassification data
NEWS 13 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 14 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS 15 JUN 30 STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17 JUL 28 CA/Caplus patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status information from the epoline Register
NEWS 19 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 20 JUL 28 STN Viewer performance improved
NEWS 21 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22 AUG 13 CA/Caplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 23 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 24 AUG 15 CAplus currency for Korean patents enhanced
NEWS 25 AUG 25 CA/Caplus, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

10/566, 819

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FILE 'HOME' ENTERED AT 07:33:42 ON 31 AUG 2008

=> file reg
COST IN U.S. DOLLARS
SINCE FILE ENTRY SESSION
0.21 0.21
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 07:33:55 ON 31 AUG 2008
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STRUCTURE FILE UPDATES: 29 AUG 2008 HIGHEST RN 1044824-41-0
DICTIONARY FILE UPDATES: 29 AUG 2008 HIGHEST RN 1044824-41-0

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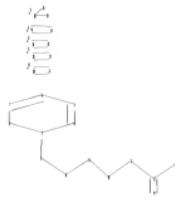
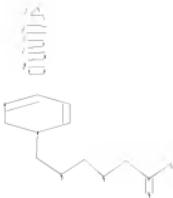
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10566819.str



```

chain nodes :
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 34
ring nodes :
1 2 3 4 5 6
chain bonds :
1-7 7-8 8-9 9-10 10-11 11-12 12-13 12-34 14-15 16-17 18-19 20-21 22-23
22-24
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 7-8 8-9 9-10 10-11 12-13 12-34 16-17
18-19 20-21 22-23 22-24
exact bonds :
11-12 14-15
isolated ring systems :
containing 1 :

```

10/566,819

G1:X,Cy,Ak,H,O,S,N

G2:[*1],[*2],[*3],[*4],[*5]

G3:O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 34:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 07:34:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 104 TO ITERATE

100.0% PROCESSED 104 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

 BATCH **COMPLETE**

PROJECTED ITERATIONS: 1469 TO 2691

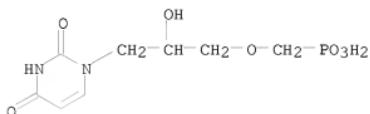
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

10/566,819

L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Phosphonic acid, [{3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy}methyl]- (9CI)
MF C8 H13 N2 O7 P
CI COM



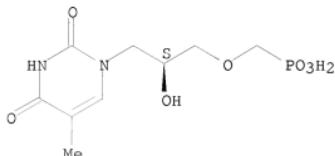
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

10/566,819

L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Phosphonic acid, [(3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, (S)- (9CI)
MF C9 H15 N2 O7 P
CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

10/566,819

=> s 11 sss ful
FULL SEARCH INITIATED 07:34:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2128 TO ITERATE

100.0% PROCESSED 2128 ITERATIONS 65 ANSWERS
SEARCH TIME: 00.00.01

L3 65 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
178.82 179.03

FILE 'CAPLUS' ENTERED AT 07:35:01 ON 31 AUG 2008
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FILE COVERS 1907 - 31 Aug 2008 VOL 149 ISS 10
FILE LAST UPDATED: 29 Aug 2008 (20080829/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

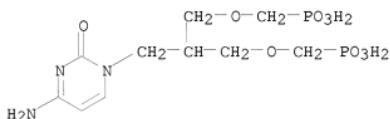
Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

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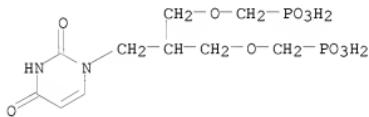
=> s 13
L4 14 L3

=> d 14 1-14 bib hitstr

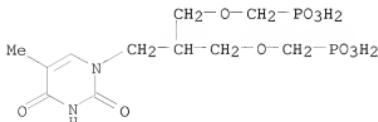
L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:1183769 CAPLUS
 DN 149:201163
 TI Bifunctional acyclic nucleoside phosphonates: 2. Symmetrical
 2-[(bis(phosphono)methoxy)methyl]ethyl derivatives of purines and
 pyrimidines
 AU Vrbkova, Silvie; Dracinsky, Martin; Holy, Antonin
 CS Centre for New Antivirals and Antineoplastics, Gilead Sciences & IOCB
 Research Centre, Institute of Organic Chemistry and Biochemistry, Academy
 of Sciences of the Czech Republic, Prague, 16610/6, Czech Rep.
 SO Collection of Czechoslovak Chemical Communications (2007), 72(7), 965-983
 CODEN: CCCCXK; ISSN: 0010-0765
 PB Institute of Organic Chemistry and Biochemistry, Academy of Sciences of
 the Czech Republic
 DT Journal
 LA English
 IT 1041440-31-6P 1041440-32-7P 1041440-33-8P
 RL PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
 (Biological study); PREP (Preparation)
 (preparation of bifunctional acyclic nucleoside phosphonates as antiviral
 agents)
 RN 1041440-31-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



RN 1041440-32-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



RN 1041440-33-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



IT 1041440-15-6P 1041440-17-8P 1041440-19-0P

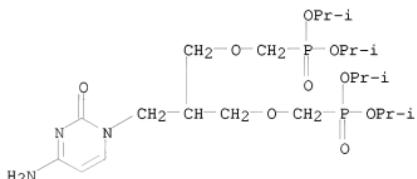
1041440-24-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of bifunctional acyclic nucleoside phosphonates as antiviral agents)

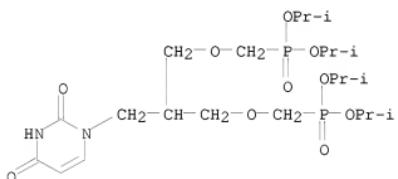
BN 1041440-15-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



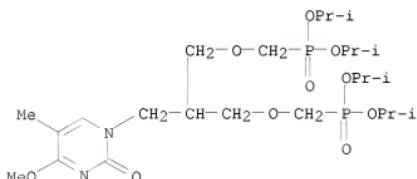
BN 1041440-17-8 CAPLUS

DN 1041440-17-8 CAFES
CN INDEX NAME NOT YET ASSIGNED



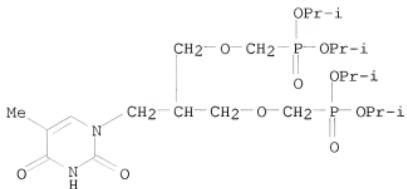
BN 1041440-19-0 CAPLUS

DN 1044440 19 0 C4E03
CN INDEX NAME NOT YET ASSIGNED



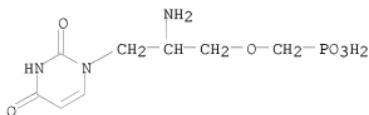
BN 1041440-24-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

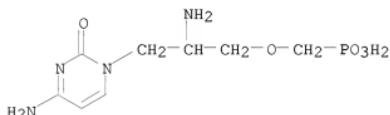


RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

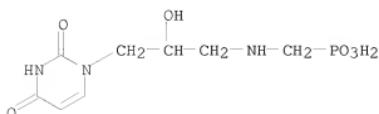
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:186166 CAPLUS
 DN 146:142935
 TI Synthesis of aminopropyl phosphonate nucleosides with purine and pyrimidine bases
 AU Zhou, Ding; Lagoja, Irene M.; Van Aerschot, Arthur; Herdewijn, Piet
 CS Laboratory of Medicinal Chemistry, Rega Institute, Louvain, B-3000, Belg.
 SO Collection of Czechoslovak Chemical Communications (2006), 71(1), 15-34
 CODEN: CCCCAK; ISSN: 0010-0765
 PB Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic
 DT Journal
 LA English
 OS CASREACT 146:142935
 IT 918868-81-2P 918868-83-4P 918869-18-8P
 918869-19-9P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation and antiviral activity of aminopropyl acyclic nucleotide phosphonates via phosphorylation and Mitsunobu reaction)
 RN 918868-81-2 CAPLUS
 CN Phosphonic acid, P-[(2-amino-3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)propoxy)methyl]- (CA INDEX NAME)



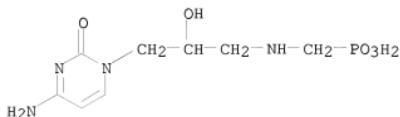
RN 918868-83-4 CAPLUS
 CN Phosphonic acid, P-[(2-amino-3-(4-amino-2-oxo-1(2H)-pyrimidinyl)propoxy)methyl]- (CA INDEX NAME)



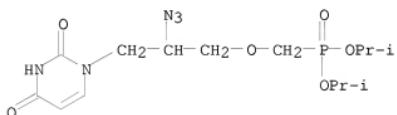
RN 918869-18-8 CAPLUS
 CN Phosphonic acid, P-[(3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropyl)amino)methyl]- (CA INDEX NAME)



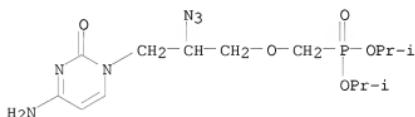
RN 918869-19-9 CAPLUS
 CN Phosphonic acid, P-[{[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropyl]amino}methyl]- (CA INDEX NAME)



IT 918868-70-9P 918868-74-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and antiviral activity of aminopropyl acyclic nucleotide phosphonates via phosphorylation and Mitsunobu reaction)
 RN 918868-70-9 CAPLUS
 CN Phosphonic acid, P-[{2-azido-3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)propoxy}methyl]-, bis(1-methylethyl) ester (CA INDEX NAME)

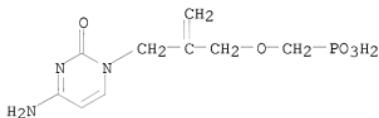


RN 918868-74-3 CAPLUS
 CN Phosphonic acid, P-[{3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-azidopropoxy}methyl]-, bis(1-methylethyl) ester (CA INDEX NAME)

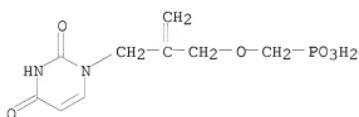


RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

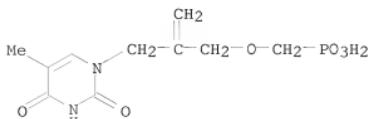
L4 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:1319229 CAPLUS
 DN 145:211282
 TI Synthesis and antiviral evaluation of novel exo-methylene acyclic nucleosides and phosphonic acid nucleosides
 AU Kim, Aihong; Hong, Joon Hee
 CS College of Pharmacy, Chosun University, Kwangju, S. Korea
 SO Archiv der Pharmazie (Weinheim, Germany) (2005), 338(11), 528-533
 CODEN: ARPMAS; ISSN: 0365-6233
 PB Wiley-VCH Verlag GmbH & Co. KGaA
 DT Journal
 LA English
 OS CASREACT 145:211282
 IT 170452-57-0P 905306-35-6P 905306-36-7P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis and antiviral evaluation of novel exomethylene acyclic nucleosides and phosphonic acid nucleosides)
 RN 170452-57-0 CAPLUS
 CN Phosphonic acid, [[2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl] - (9CI) (CA INDEX NAME)



RN 905306-35-6 CAPLUS
 CN Phosphonic acid, [[2-[(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl] - (9CI) (CA INDEX NAME)



RN 905306-36-7 CAPLUS
 CN Phosphonic acid, [[2-[(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl] - (9CI) (CA INDEX NAME)



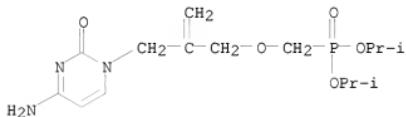
IT 905306-32-3P 905306-33-4P 905306-34-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis and antiviral evaluation of novel exomethylene acyclic nucleosides and phosphonic acid nucleosides)

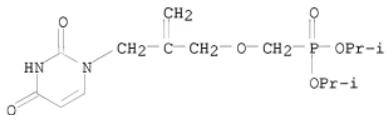
RN 905306-32-3 CAPLUS

CN Phosphonic acid, [[[2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



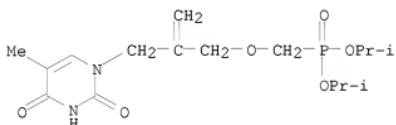
RN 905306-33-4 CAPLUS

CN Phosphonic acid, [[[2-[(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



RN 905306-34-5 CAPLUS

CN Phosphonic acid, [[2-[(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:216597 CAPLUS
DN 142:291323
TI Compositions and methods for the treatment of severe acute respiratory syndrome (SARS).

IN Hardee, Greg; Dellamary, Luis
PA Isis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 217 pp.
COPEN: PIYXD2

DT Patent

DI Patient
LA Family

LA Engin
EAN GWT 1

FAN.CNT 1

PATENT NO.

PI	WO 2005020885	A2	20050310	WO 2004-US16196	20040521
	WO 2005020885	A3	20050804		
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ,UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

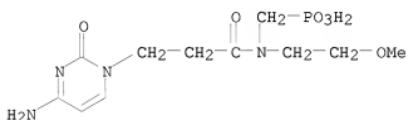
BBAT HS 2003 472224B B 20030521

PRAI US 2003-472
IT 847647 80 8

11 84/647-90-9
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(comps. and methods for treatment of severe acute respiratory syndrome)

BN 847647-90-9 CARLIS

RN 64764-90-9 CASL03
CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1-oxopropyl](2-methoxyethyl)amino]methyl]- (9CI) (CA INDEX NAME)

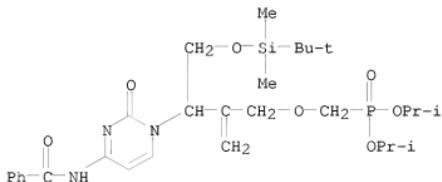


RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of nucleobase phosphonate analogs for antiviral treatment and as retroviral reverse transcriptase inhibitors)

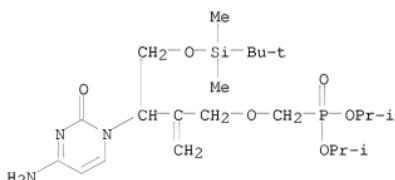
RN 839711-05-6 CAPLUS

CN Phosphonic acid, [{3-[4-(benzoylamino)-2-oxo-1(2H)-pyrimidinyl]-4-[(1,1-dimethylethyl)dimethylsilyl]oxy}-2-methylenebutoxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



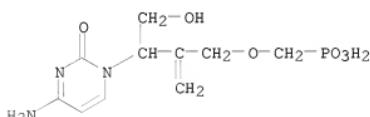
RN 839711-06-7 CAPLUS

CN Phosphonic acid, [{3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-[(1,1-dimethylethyl)dimethylsilyl]oxy}-2-methylenebutoxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



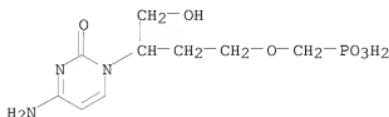
RN 839711-07-8 CAPLUS

CN Phosphonic acid, [{3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxy-2-methylenebutoxy]methyl}- (9CI) (CA INDEX NAME)

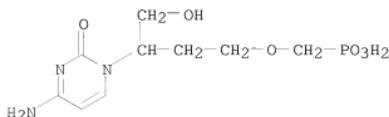


L4 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:1059365 CAPLUS
 DN 142:49190
 TI Nucleoside analogs as viral polymerase inhibitors
 IN Chand, Pooran; Babu, Yarlagadda S.; El-Kattan, Yahya; Wu, Minwan
 PA Biocryst Pharmaceutical, Inc., USA
 SO PCT Int. Appl., 57 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004106350	A1	20041209	WO 2003-US15169	20030514
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	AU 2003234563	A1	20050121	AU 2003-234563	20030514
OS	WO 2003-US15169	A	20030514		
IT	5612054-68-9 612054-68-9D, pivaloyl derivs. 643028-44-8 643028-44-8D, pivaloyl derivs.				
RL	PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleoside analogs as viral polymerase inhibitors)				
RN	612054-68-9 CAPLUS				
CN	Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)				

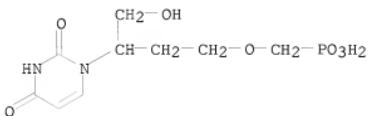


RN 612054-68-9 CAPLUS
 CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)



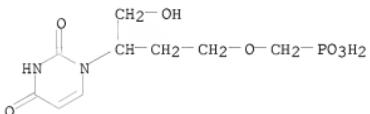
RN 643028-44-8 CAPLUS

CN Phosphonic acid, [(3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy)methyl]- (9CI) (CA INDEX NAME)



RN 643028-44-8 CAPLUS

CN Phosphonic acid, [(3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy)methyl]- (9CI) (CA INDEX NAME)

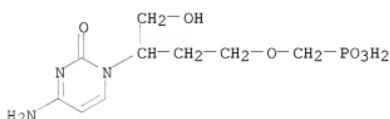
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:60139 CAPLUS
 DN 140:122756
 TI Nucleotides, preparation thereof and use as antiviral agents and
 inhibitors of RNA viral polymerases
 IN Babu, Yarlagadda S.; Chand, Pooran; El-Kattan, Yahya; Wu, Minwan
 PA Biocryst Pharmaceuticals, Inc., USA
 SO U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of Appl. No. PCT/US02/36621.
 CODEN: USXXCO

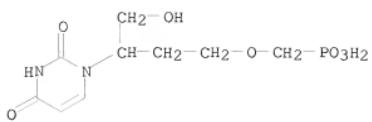
DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 200401014722	A1	20040122	US 2003-437179	20030514
	WO 2003087298	A2	20031023	WO 2002-US36621	20021114
	WO 2003087298	A3	20031224		
	W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 20060122391	A1	20060608	US 2005-269819	20051109
	US 7388002	B2	20080617		
PRAI	US 2001-331322P	P	20011114		
	WO 2002-US36621	A2	20021114		
	US 2003-437179	A2	20030514		
OS	MARPAT 140:122756				
IT	612054-68-9P 643028-44-8P				
	RL: BSU (Biological study, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation) (nucleotides, preparation thereof and use as antiviral agents and inhibitors of RNA viral polymerases)				
RN	612054-68-9 CAPLUS				
CN	Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4- hydroxybutoxy)methyl]- (9CI) (CA INDEX NAME)				



RN 643028-44-8 CAPLUS
 CN Phosphonic acid, [(3-(4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-4-
 hydroxybutoxy)methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:837226 CAPLUS
 DN 139:302020
 TI Synthesis of nucleosides for use as inhibitors of RNA viral RNA-dependent
 RNA polymerases

IN Babu, Yarlagadda S.; Chand, Pooran; El-kattan, Yahya; Wu, Minwan

PA Biocryst Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 35 pp.

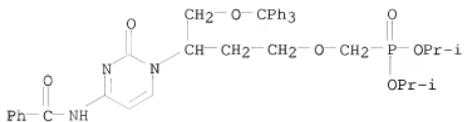
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003087298	A2	20031023	WO 2002-US36621	20021114
	WO 2003087298	A3	20031224		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2466301	A1	20031023	CA 2002-2466301	20021114
	AU 2002365935	A1	20031027	AU 2002-365935	20021114
	EP 1450809	A2	20040901	EP 2002-807245	20021114
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2005519983	T	20050707	JP 2003-584242	20021114
	HU 2005001070	A2	20060428	HU 2005-1070	20021114
	US 20040014722	A1	20040122	US 2003-437179	20030514
	IN 2004KN00571	A	20060519	IN 2004-KN571	20040505
	MX 2004PA04621	A	20040910	MX 2004-PA4621	20040514
	US 20050033051	A1	20050210	US 2004-496116	20040519
	US 20060122391	A1	20060608	US 2005-269819	20051109
	US 7388002	B2	20080617		
PRAI	US 2001-331322P	P	20011114		
	WO 2002-US36621	W	20021114		
	US 2003-437179	A2	20030514		
OS	MARPAT 139:302020				
IT	612054-58-7P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(synthesis of nucleosides for use as inhibitors of RNA viral RNA-dependent RNA polymerases)				
RN	612054-58-7 CAPLUS				
CN	Phosphonic acid, {[3-[4-(benzoylamino)-2-oxo-1(2H)-pyrimidinyl]-4- (triphenylmethoxy)butoxy]methyl}-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)				

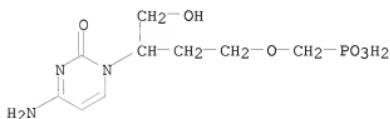


IT 612054-68-9P 612054-69-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis of nucleosides for use as inhibitors of RNA viral RNA-dependent RNA polymerases)

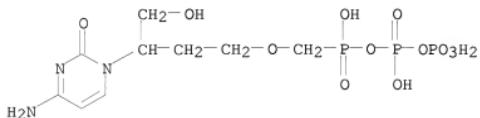
RN 612054-68-9 CAPLUS

CN Phosphonic acid, {[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl} - (9CI) (CA INDEX NAME)



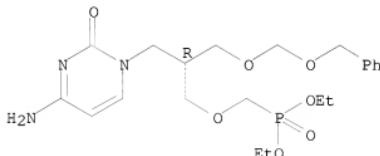
RN 612054-69-0 CAPLUS

CN Diphosphoric acid, monoanhydride with {[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl}phosphonic acid (9CI) (CA INDEX NAME)



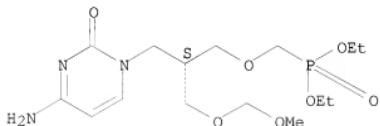
L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:786680 CAPLUS
 DN 124:30236
 OREF 124:5814h,5815a
 TI Synthesis of optically pure "open-chain" nucleotide derivatives of
 asymmetric tris(hydroxymethyl)methane
 AU Guanti, Giuseppe; Merlo, Valeria; Narisano, Enrica
 CS Istituto Chimica Organica Universita, C.N.R., Genoa, I-16132, Italy
 SO Tetrahedron (1995), 51(35), 9737-46
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier
 DT Journal
 LA English
 OS CASREACT 124:30236
 IT 171612-43-4P 171612-46-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis of optically pure "open-chain" phosphonomethoxy analogs of
 CMP containing the tris(hydroxymethyl)methane moiety)
 RN 171612-43-4 CAPLUS
 CN Phosphonic acid, [(2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-3-
 [(phenylmethoxy)methoxy]propoxy)methyl]-, diethyl ester, (R)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry. Rotation (+).



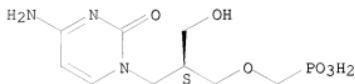
RN 171612-46-7 CAPLUS
 CN Phosphonic acid, [(3-[(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-
 [(methoxymethoxy)methyl]propoxy)methyl]-, diethyl ester, (S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 141700-04-1P 171612-44-5P 171612-48-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (synthesis of optically pure "open-chain" phosphonomethoxy analogs of
 CMP containing the tris(hydroxymethyl)methane moiety)
 RN 141700-04-1 CAPLUS
 CN Phosphonic acid, [(3-[(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-
 (hydroxymethyl)propoxy)methyl]-, (S)- (9CI) (CA INDEX NAME)

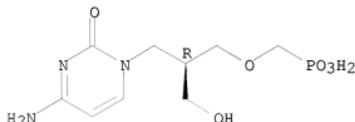
Absolute stereochemistry.



RN 171612-44-5 CAPLUS

CN Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy)methyl]-, (R)- (9CI) (CA INDEX NAME)

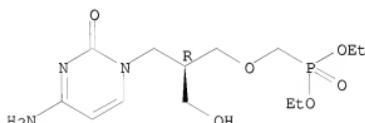
Absolute stereochemistry. Rotation (+).



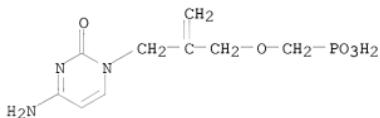
RN 171612-48-9 CAPLUS

CN Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy)methyl]-, diethyl ester, (R)- (9CI) (CA INDEX NAME)

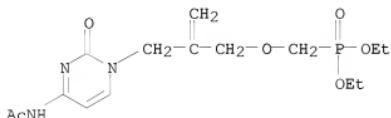
Absolute stereochemistry.



L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:666574 CAPLUS
 DN 123:340710
 OREF 123:61171a,61174a
 TI Synthesis and antiviral activity of rigid acyclonucleotide analogs
 AU Casara, Patrick J.; Altenburger, Jean-Michel; Taylor, Debra L.; Tyms, A.
 Stanley; Kenny, Michael; Nave, Jean-Francois
 CS Marion Merrell Dow Res. Inst., Strasbourg, 67080, Fr.
 SO Bioorganic & Medicinal Chemistry Letters (1995), 5(12), 1275-80
 CODEN: BMCL8; ISSN: 0960-894X
 PB Elsevier
 DT Journal
 LA English
 IT 170452-57-0P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation and antiviral activity of rigid acyclonucleotide analogs)
 RN 170452-57-0 CAPLUS
 CN Phosphonic acid, [[2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl] - (9CI) (CA INDEX NAME)



IT 170452-64-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and antiviral activity of rigid acyclonucleotide analogs)
 RN 170452-64-9 CAPLUS
 CN Phosphonic acid, [[2-[(4-(acetylamino)-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl] - diethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1992:427058 CAPLUS
 DN 117:27058
 OREF 117:4915a,4918a
 TI Preparation of hydroxyphosphonomethoxypropyl nucleosides.
 IN Vemishetti, Purushotham; Brodfuehrer, Paul R.; Howell, Henry G.; Sapino, Chester, Jr.
 PA Bristol-Myers Squibb Co., USA
 SO PCT Int. Appl., 43 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9202511	A1	19920220	WO 1991-US5578	19910806
	W: AU, CA, FI, JP, KR				
	RN: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	CA 2088363	A1	19920211	CA 1991-2088363	19910806
	CA 2088363	C	20020528		
	AU 9184928	A	19920302	AU 1991-84928	19910806
	AU 653552	B2	19941006		
	EP 574386	A1	19931222	EP 1991-915336	19910806
	EP 574386	B1	20000628		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 06503807	T	19940428	JP 1991-514505	19910806
	JP 3116079	B2	20001211		
	AT 194142	T	20000715	AT 1991-915336	19910806
	ES 2149157	T3	20001101	ES 1991-915336	19910806
	CA 2347280	C	20041123	CA 1991-2347280	19910806
	US 5476938	A	19951219	US 1992-822271	19920121
	US 5591852	A	19970107	US 1995-482036	19950607

PRAI US 1990-566200

CA 1991-2088363 A3 19910806
 WO 1991-US5578 A 19910806
 US 1992-822271 A3 19920121

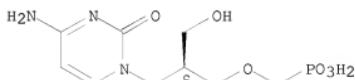
OS MARPAT 117:27058

IT 141700-04-1P 141700-05-2P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation of, as antiviral)

RN 141700-04-1 CAPLUS

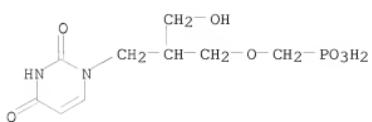
CN Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy)methyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



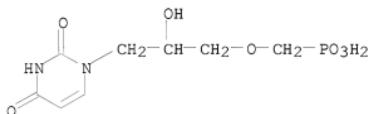
RN 141700-05-2 CAPLUS

CN Phosphonic acid, [(3-(4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy)methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1990:459543 CAPLUS
 DN 113:59543
 OREF 113:10083a,10086a
 TI Method for the preparation of N-[3-hydroxy-2-(phosphonylmethoxy)propyl]purines and -pyrimidines
 IN Holy, Antonin; Rosenberg, Ivan
 PA Czech.
 SO Czech., 7 pp.
 CODEN: CZXXA9
 DT Patent
 LA Czech
 FAN.CNT 1

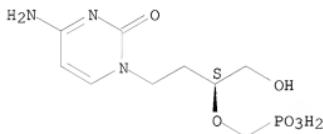
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CS 263955	B1	19890512	CS 1986-5471	19860718
PRAI CS 1986-5471		19860718		
OS MARPAT 113:59543				
IT 127749-01-3P				
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN 127749-01-3 CAPLUS				
CN Phosphonic acid, {[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl}, disodium salt (9CI) (CA INDEX NAME)				



●2 Na

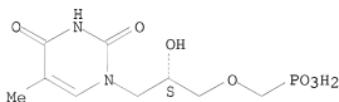
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1990:441200 CAPLUS
DN 113:41200
OREF 113:7023a,7026a
TI Synthesis and antiviral activity of (S)-9-[4-hydroxy-3-(phosphonomethoxy)butyl]guanine
AU Kim, Choung Un; Luh, Bing Yu; Martin, John C.
CS Pharm. Res. Dev. Div., Bristol-Myers Co., Wallingford, CT, 06492, USA
SO Journal of Medicinal Chemistry (1990), 33(6), 1797-800
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 113:41200
IT 127517-90-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and antiviral activity of)
RN 127517-90-2 CAPLUS
CN Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)propoxy)methyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



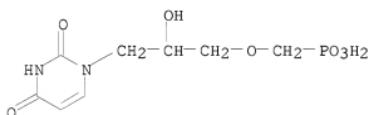
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1990:441170 CAPLUS
 DN 113:41170
 OREF 113:7015a,7018a
 TI Acyclic nucleotide analogs. VI. Synthesis of (3-hydroxy-2-phosphonylmethoxypropyl) derivatives of heterocyclic bases
 AU Holý, Antonín; Rosenberg, Ivan; Dvoráková, Hana
 CS Inst. Org. Chem. Biochem., Czech. Acad. Sci., Prague, 166 10, Czech.
 SO Collection of Czechoslovak Chemical Communications (1989), 54(9), 2470-501
 CODEN: CCCCAK; ISSN: 0010-0765
 DT Journal
 LA English
 OS CASREACT 113:41170
 IT 127748-82-7P 127749-01-3P 127749-02-4P
 127749-03-5P 127749-04-6P 127749-28-4P
 127852-81-7P 127852-86-2P 127852-87-3P
 127852-88-4P 127852-89-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 127748-82-7 CAPLUS
 CN Phosphonic acid, [(3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, dilithium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



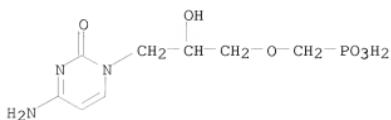
●2 Li

RN 127749-01-3 CAPLUS
 CN Phosphonic acid, [(3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

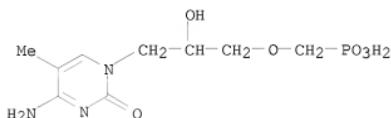
RN 127749-02-4 CAPLUS
 CN Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

RN 127749-03-5 CAPLUS

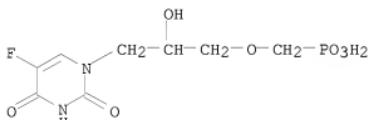
CN Phosphonic acid, [[3-(4-amino-5-methyl-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

RN 127749-04-6 CAPLUS

CN Phosphonic acid, [[3-(5-fluoro-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

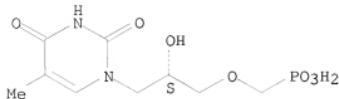


●2 Na

RN 127749-28-4 CAPLUS

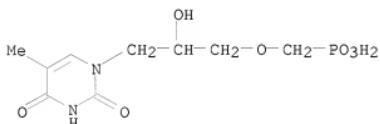
CN Phosphonic acid, [[3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●2 Na

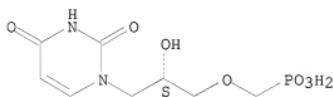
RN 127852-81-7 CAPLUS
 CN Phosphonic acid, [(3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

RN 127852-86-2 CAPLUS
 CN Phosphonic acid, [(3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

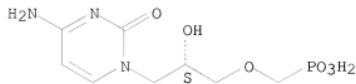
Absolute stereochemistry.



●2 Na

RN 127852-87-3 CAPLUS
 CN Phosphonic acid, [(3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

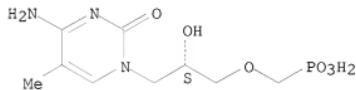


●2 Na

RN 127852-88-4 CAPLUS

CN Phosphonic acid, [(3-(4-amino-5-methyl-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

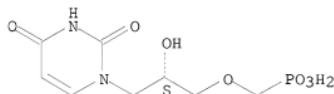


●2 Na

RN 127852-89-5 CAPLUS

CN Phosphonic acid, [(3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy)methyl]-, dilithium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●2 Li

10/566,819

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	52.98	232.01

STN INTERNATIONAL LOGOFF AT 07:35:30 ON 31 AUG 2008